## This Page Is Inserted by IFW Operations and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

POSITION	INITIALS	ID NO.	DATE
EE DETERMINATION	V,		
O.I.P.E. CLASSIFIER			
FORMALITY REVIEW	N	9n	10723/6
RESPONSE FORMALITY REVIEW			' '
RESPONSE FORMALITY REVIEW			

## INDEX OF CLAIMS

V	Rejected	N	Non-elected
	Allowed	1	Interference
	(Through numeral) Canceled		Appeal
÷	Restricted	U	Objected

	1					_		-			$\neg$	Г	<u> </u>						D-	otc.		_			٦	Γ	Cla	m T					ate			٠.		_
laim	4	<del>_</del>	<del>7</del> 1	,		Date	е	- 1	- 1		$\dashv$	-  -	Clai		ا . ر	_	1	1	DE T	ate	1	_	-	1	$\dashv$	-			//[	21	7	Т	7	$\overline{}$	Т	П	1	_
ᡖ		4 4 3	8	1	1	-	ľ			- 1	-	- 1		Original	4	8						1		1		l		Original	441.		Ì	-1		i				
Original	,	14/	2	1		- 1							Finat	흕	14 0 3	12	ļ			1		ł			-	- 1	Final	ĒΙ	ζ/.	2	1	-		J	ł	-	1	-
١ō	P	3 '	95	ļ	1							L	囸	ō	03	05	L	L	_		1	_		$\perp$	4	}	iI.	악	20	2	4	4	-	4	-	-4		
1	D			ヿ	$\neg$			. ]						51	V	/ _	ľ				Ι.	1_				- 1		101	$\nu   \iota$	7				$\perp$		_	_1	_
i.	1	_	+	┪	$\dashv$		$\neg$			$\neg$	$\neg$	Ī	7	52	À	7		Т	Τ	1		Т	Т	T	7			-	$\overline{A}$	N	"	П				- 4		
Н	H	-+	-	-	-	-	-		-	-	-	ŀ		53	4	+	┢	+	+-	+	+	+	+	+	┪				M	t		1	7	$\neg$	-		-	٠.
	1	4	_	_	_	_	$\Box$	_	-	_		-			44	4	├-	╁┈	-	┿	+-	+	+	+	$\dashv$	- 1		104	<del>4}</del>	₩	-+	+	+	+	╛	┪	-	-
Ľĸ	Ł	_1			$\dashv$					_	_	Ļ	_	54	$\perp$	Ц	1_	┺	+	↓	+	4-	+	+	-				₩	₩	+	+	+		-4	<del>.  </del>	-	-
/	1		1	- 1		ļ	1					L		<b>65</b>	$\mathbf{L}$	Ц	_	L	$\perp$	上	l	$\perp$	1	_	4		$\rightarrow$	105	11	Н	4	-1	$\dashv$	-+	1	1		_
(i	31		. [	╗								- [	.	56	V	ø	1	1		L		L		1	┙			106	$\perp$	Ш	_		_	_	_		_	L
V	, †	7	7	_	-				П			- [		57		レ	1	Т	Т	Т	Т	T				-		107		Ш	1		١.		1			·
Н	Н	╛	-+	-	_				-	$\dashv$	$\dashv$	ŀ	d	7	-	Ť	1	T	+	1	十	$\top$	+	_	7			108	П	П	1	$\neg$		П	T	$\neg$	_]	Г
Н	Н	-+	-4	-			$\vdash$		$\vdash$	-	-	- }		Ж		-	╁	+-	╬	+-	┿	╁	+	+	-	•	-	109	$\vdash$	#	7	7	-	$\dashv$	-	_		r
Ц	Ш	4	_	_	_	_				Ц			_	41		5	-	+	+-	╀	+	+	+	+	$\dashv$	\		_	-	₩	+	$\dashv$	-+	-+	-1		<u> </u>	ŀ
П	Ш											L		90		<u></u>	_	_	$\bot$	⅃_		4	4	1	Ц.	$\lambda$		110	<b>//</b>	4	_	4	-	+	-			L
	•		$\neg$	$\neg$	П							ſ		•				1		İ	ı				_}`	7		111		1		_						L
d	Ŋ	寸	_	41		$\neg$	П					1		e l			Τ	Т	Т	Т	Т				- 1			112	_	- [	1	- 1	ı	Ì	-		•	١.
	И	$\dashv$		-	$\dashv$		$\vdash$		Н	Н	Н	ŀ			Н	1	1	+	$\top$	+	$\top$	+	$\dashv$	$\top$	٦			113	$\neg$	1	$\dashv$	寸		T	$\neg$		П	Γ
Н	#	-		1	-	_	Н		Н	H	Н	}	Н	₩	-	$\vdash$	+-	+	+	+	+	+	+	╅	ᅥ		Ι	114	$\dashv$	$\dashv$	十	-+		$\dashv$	-			r
ĭ	Ш		$_{\perp}$				Ш		Ш		Ш	]	Щ	1	<u>r                                    </u>	╙	+-	+	+	+	+	+	•	+	4			_	+	-+	+	-+		-+				H
1	W	_ [				]	L		╚		Ш	Į		8 2 8	<u></u>	L	$\perp$	_	$\perp$	1	ᆚ	$\bot$	_	$\perp$	4		$\vdash$	115	$\dashv$	_	_			-	_	_		1
1	H								П			ĺ			l	1	1	L	1	$\perp$				$\perp$	╝			116			$\bot$	_1						L
Ħ	鮒		$\neg$	-	$\Box$				П	П	П	l		di		Γ	Т	T	Т	T	$\top$	T	T	Т	٦			117	T	T				_ [	_ ]			l
₩	H	-				-	$\vdash$	-	$\vdash$	<del> </del>	Н		-		$\vdash$	$\vdash$	1	+	+	+	十	+	1	7	٦			118	7	$\neg$	_			$\neg$				T
Ш	Ш	1	-				-	-		├	Н		_	7	⊢	┝╌	╁	+-	╁	+	+	+	+	-+	$\dashv$		$\vdash$	119	-	-	-+	寸	-1	寸	_	_		t
Ш	H							L	<u> </u>	<u> </u>	Ш		_	9	<u> </u>	<u> </u>	1	4-	4	-		+	$\dashv$	-	_		⊢	_	-			$\dashv$		$\dashv$		-	-	╀
	Ы				1		1	ļ			1 1			4	ı	1				ı		- 1	- [		Ť		L	120										l
H	ÌΙ						T	_	1	$\vdash$	$\vdash$			H		Π		Τ	Т	$\top$	Т		Т	П	$\neg$		Г	121			- 1		1					l
3	Ж				-		╁	├一	╁─	┢	╁╌┤		┢	16		t	+	Ť	+-	$\top$	+	-+	$\dashv$	┪	⊣			122		$\neg$	ヿ			П				T
11	H		,				<del> </del>	⊢	-	1	Н			1	┢	╁	+-	+	+	+	+	+	+	$\dashv$	ᅱ		$\vdash$	123	-	$\neg$	_	┪	_			1 3	<u> </u>	t
И	묍				_		1	辶	ـــ	<u> </u>	$\sqcup$		_	1	↓_	╄	4-	+	+	-	-+	+	+	$\dashv$			⊢	_	-1	-				_		<del>  -</del>	-	t
	3 4					_	$\perp$	L	_	L	$\sqcup$		<u> </u>	4		1	丄	4	4	4	4	4	4	$\dashv$	_		$\vdash$	124	$\vdash \vdash$			_		Н	-	-	-	+
I	Ы						Γ	I _	[		] ]		L	7	ij.	1		┸	_L	$\perp$		$\perp$						125	انا	. :		_		Ш	.,,		با	1
Ų	Ы		т		Г	$\Box$	1		T	Г	П			7	Г	Γ	T	T	Т	T	Ţ	Т	T	- T			1	126	ĿĪ	_ 1	-	]		,		9.72	Ì.	1
	H	-	-	-	Н	Η-	+-	$\vdash$	1	$\vdash$	$\vdash$			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ι_	†	$\top$	+	$\top$	_	十	1	7	7		1		127									·	Ţ
#	닖			<del> </del>	-	-	+-	$\vdash$	+-	+	$\vdash$		<del>                                     </del>	岩	₹-	+-	+	╫	+	$\dashv$	+	-1	+	-+	-		$\vdash$	128	$\vdash$				٠.	- ‡	-	10		1
μ	빕			<u> </u>	oxdot	_	1	┞.	↓_	1	<del> </del>		-	14	1	╀	+	+	+	+	+	-+	-	-		ļ	-	-	$\vdash$		H		┝		$\vdash$	1	+	1
1	هاها جلواهاه	L	L			L	L	1_		L			$\perp$	148	u	$\perp$	4	$\bot$	$\perp$	4	4	_	_	_		1	$\vdash$	129	Н		Щ	<u> </u>	<u> </u>	$\vdash$	-	ļ.	├-	4
П	р		-		Γ	Γ	Γ			Г			[_	8	1	1		_		_1							L	130	Ш				L	L	_	L.	ļ. <u>.</u>	1
Ħ	Ħ	$\vdash$	1				†	1	1	$\top$	$\top$	1	Г	8		Τ	1	T	Т	T		7	丁	T		1	1	131			]		L	L.	L	Ľ	L	J
H	Ė	$\vdash$	-		1-	$\vdash$	+	+	+-	1	✝	i	$\vdash$	8	1	T	+	十	$\dashv$	十	-†	寸	$\neg$	$\dashv$		1		132	П							Γ	Г	1
붜	É	-		$\vdash$	-	├-	+	+-	+	╁╌	╁	1	$\vdash$	H	+	+	+	+	+	+	$\dashv$	-	$\dashv$	$\dashv$		1	$\vdash$	133	_		Τ-			Г	Г	Т	1	1
13	Ľ	<u> </u>	L.	<u> </u>	1_	┡	1	╄	1	<del> </del>	₩.	1	<u></u>	6/100	<b>I</b>	1	+	+	-+-	+	-		-	-1		ł	-	134			⊢	-	$\vdash$	-	<del>                                     </del>	┰	+	+
3			L	$oldsymbol{ol}}}}}}}}}}}}}}}}}}}$	L	$\perp$		L	$\perp$	$\perp$		1	$\vdash$	۳	ν_	1	_ _	4	_	$\rightarrow$	_		_	_		1	<u> </u>	_			$\vdash$	<del>  -</del>	-	⊢-	<del> </del>	$\vdash$	+-	4
3	*	1	_	[	1	1		Ι.		1	L	}	L	8	Ш.	L	丄	$\perp$				$\perp$				1	$\vdash$	135			L	<u> </u>	<u></u>	<del> </del>	-	1	╀	4
3	4				1	1	1	Т		T		1		18		T	T	Т	T	Т		Ī	Ţ	]		]		130	L		L	L	L	L		L	L	
1	₩	$\vdash$	$\vdash$	$\vdash$	+	$\vdash$	+	T	+	†	$t^-$	1	_	1	7	T	1	$\top$	1	$\neg$	一					1		137	厂		$\Box$		Г				Ī.	. ]
+		-	╁	$\vdash$	+	+	╁	+	+-	┰	+	1	$\vdash$	ě	1	+	+	+	+	$-\dagger$	-+	$\dashv$	$\dashv$	$\dashv$	_	1	$\vdash$	138		$\vdash$	1	Ι-			1	Т	Т	
Ľ	IJ.	₩	<u> </u>	<del> </del>	4	↓_	4	1	1	+-	+	-	-		+	+	+	+	-+	+	+		$\dashv$		_	1	-	-	+	$\vdash$		-	$\vdash$	<del> </del>	t	١.	+	٦
G	8		1	L	<u> </u>	┺	ـــــ	1_	$\perp$	↓_	1	1	<u></u>	4	4	+	_	1	_	_	_		_		_	1	-	139	-	├	-	├	1-	+-	+-	+	╁	
14	45	ľ	_	1	1			_	1	1		Ì		\$	)					_	]					1	L	140	1		$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	L_		<u>_</u>	上	1_	1	
1,	Ħ			T	1	1	1	1	$\top$	T		1				T	$\top$	$\neg$		$\neg$	T	$\neg$				1		14	1	1 _			1		1	1	1	
+	Н	$\vdash$	⊢	+	+	+	+	+-	+	╁	+	1	$\vdash$	9	+	+	+	+	-+	$\dashv$	-+		$\neg$			1		14			Τ.		T	$\Box$	Τ	T	T	_
11	Ħ.	<b> </b>	$\vdash$		╁	+	+	+-	+	+-	+	-	-	Ë	1	+	+	+	+	+	-		$\dashv$	$\vdash$	-	1		14		-	$\vdash$	<del> </del>	t -	$\vdash$	t	+-	+	-
1	戵	<u></u>	<u>L</u>	┖	_	_	1	$\perp$	1_	_	4-	-	$\vdash$	<b>Q</b>	Ŋι		4	-	4	4		_		Щ	H	1	$\vdash$	-	+-	-	+-	$\vdash$	$\vdash$	$\vdash$	+-	+	+	
1	₩		_	1	1	1					1		L	94		١.	N									1	_	14		<u> </u>	1	_	1	1_	╄-	$\perp$	+	
12	#	1	1-	1	1	$\top$	$\top$	1	Τ	Τ	1	1		95		T	П	T	T	П	7				_	1		14	5	L		L	L	L	L	_	_	
+.	₩	$\vdash$	+-	+	+-	1-	+	+	$\top$	+-	+	1	$\vdash$	96	-	$\top$	#	$\dashv$	一	$\neg$	$\neg$	$\neg$	_			1		141	3									
+	70	-	1	+-	+	+	+-	+	+	+	+	1	-	97		+	#	+	-+	$\dashv$	$\dashv$			Н	-	1	-	14			$\vdash$	t	T	<del>†</del>	<del>                                     </del>	T	1	_
	4.5	_	$\perp$	$\perp$	1_	1	$\perp$	$\perp$	+	4	1-	1	$\vdash$			#	╁┼	+	-+	$\dashv$	-			$\vdash$	├	1	$\vdash$			╁	+	+-	+	+-	+-	+-	+-	_
1		L	$oxed{oxed}$		_	$\perp$	$\perp$	丄	1	丄	1	1	L	98		$\!$	#	_	_	$\dashv$	_1			$\vdash$	<u> </u>	4	$\vdash$	14	-	-	₩	<del> </del>	1	+-	+-	+-	+	
1	4		1	Γ				-				1		99	9 J	VI.	V,									1	L	14	9	_	$\perp$	丄	Ļ	1	1	丰	+	
P.	*	V	17	1	1	1		Т		T		ĺ		10	ن ٥	या	1	- 1	- 1	ſ	I				1	1	- 1	15	n l	1	ı	1	1	1	i	1	1	

3/2/0/23/01

If more than 150 claims or 10 actions staple additional sheet here